Index of Claims

| App | licati | on/Co | ontrol | No |
|-----|--------|-------|--------|----|

09/735,005

Examiner

Samuel A. Gebremariam

Applicant(s)/Patent under Reexamination

ITO, KAZUYUKI

Art Unit

2811

| <b>✓</b> | Rejected |
|----------|----------|
| 11       | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Claim Date    |         |    | ٦::                 | Claim Date |           |        |          |        |               |          |            |          | Claim Date |          |                |               |        |          |               |         |      | 7     |          |               |        |          |   |          |          |               |   |
|---------------|---------|----|---------------------|------------|-----------|--------|----------|--------|---------------|----------|------------|----------|------------|----------|----------------|---------------|--------|----------|---------------|---------|------|-------|----------|---------------|--------|----------|---|----------|----------|---------------|---|
| Final         | riginal | ٤  | 3                   |            |           |        |          |        |               |          |            | Final    | Original   |          |                |               |        |          |               |         |      | Final | Original |               |        |          |   |          |          |               |   |
|               | 1       | 6  |                     | -          | +         | +      | +        | +      | +             | +        | -          |          | 51         | $\vdash$ | -              | +             | 1      |          | -             | -       |      |       | 101      | +             | +      | $\vdash$ |   |          | $\dashv$ | +             | _ |
|               | 2       | 1  | N                   | +-         | ╁         | +      | +        | ╁      | -             | +        | ┨∷         | $\vdash$ | 52         | H        | $\dashv$       | +             | +      |          | +             | +       |      |       | 102      | $\dashv$      | +      | $\vdash$ | Н | $\vdash$ | $\dashv$ | +             | _ |
|               | 3       | H  | H                   | +          | +         | +      | 十        | +      | +             | +        | 1:::       |          | 53         | $\vdash$ | $\dashv$       | +             | +      |          |               | +       |      |       | 103      | $\dashv$      | ╅      |          | Н | $\vdash$ | $\dashv$ | $\dashv$      | _ |
|               | 4       | t  | H                   | +          | 十         | +      | ╁        | +      | +             | +        | -{∷        | $\vdash$ | 54         | $\vdash$ |                | +             | +      |          | +             | +       |      |       | 104      | $\dashv$      | 十      | -        | М |          | $\dashv$ | $\dashv$      | _ |
|               | 5       | H  | H                   | +          | ╈         | +      | ╅        | +      | ╅             | +        | 133        | <u> </u> | 55         | $\vdash$ | -              | 十             | +      | $\dashv$ | $\dashv$      | +       |      |       | 105      | $\dashv$      | +      | t        | Н | $\vdash$ | $\dashv$ | +             | 7 |
|               | 6       | H  | #                   | _          | ╅         | +      | ╅        | +      | _             | +        | 133        |          | 56         |          | $\dashv$       | $\dashv$      | o      | _        | +             | +       |      |       | 106      | $\top$        | +      |          | H |          |          | $\top$        | - |
|               | 7       | H  | ╫                   | _          | ╅         | +      | ╅        | +      |               | +        |            | <u> </u> | 57         | $\vdash$ | $\dashv$       | $\dashv$      | +      | $\dashv$ |               | +       |      |       | 107      | $\dashv$      | +      |          | Н |          | $\dashv$ | +             | _ |
|               | 8       | H  | $^{\dagger\dagger}$ | +          | +         | +      | 十        | +      | +             | $\top$   | 100        |          | 58         | _        | $\vdash$       |               | +      | $\dashv$ |               | 1       |      |       | 108      | $\dashv$      | 1      | t        | П | $\Box$   | $\neg$   | $\top$        | _ |
|               | 9       | t  | $\dagger \dagger$   | $\dashv$   | ╅         | +      | 十        | +      | +             | +        | 1:::       |          | 59         | $\vdash$ | $\dashv$       | $\dashv$      | +      |          | +             | +       |      |       | 109      | $\top$        | $\top$ | -        | H |          | 一        | 十             |   |
|               | 10      | r  | Ħ                   | +          | +         | +      | $\top$   | +      | 1             | +        | 100        |          | 60         | H        | $\dashv$       | 十             | +      | $\neg$   | $\top$        | $\top$  |      |       | 110      | $\neg +$      | +-     | T        | Н | $\Box$   | $\neg$   | 十             | _ |
|               | 11      | t  | Ħ                   | $\top$     | 十         | $\top$ | $\top$   | 十      | +             | $\dashv$ | <b>†</b> ∷ |          | 61         | _        |                | +             | +      | $\dashv$ | Ť             | 1       | :::: |       | 111      | 一             | $\top$ | T        | П |          | $\dashv$ | $\neg$        |   |
|               | 12      | t  | #                   | +          | +         | +      | 十        | +      | $\dashv$      | $\top$   | 1          |          | 62         |          | -              | +             | T      | $\dashv$ | +             | $\top$  |      |       | 112      | $\dashv$      | +      | Т        | Н | Н        | $\dashv$ | $\dashv$      | _ |
|               | 13      | H  | tt                  | +          | 十         | +      | 十        | +      | $\dashv$      | +        | 1          | <b>-</b> | 63         | Н        | $\vdash$       | +             | $\top$ |          | $\neg$        | $\top$  |      |       | 113      | $\dashv$      | +      | $t^-$    | Н |          | $\dashv$ | $\top$        | _ |
|               | 14      | t  | tt                  | +          | ╈         | +      | +        | +      | +             | +        | 1          |          | 64         | _        | $\vdash$       | _             | $\top$ | $\dashv$ | $\dashv$      | $\top$  |      |       | 114      | $\top$        | +      | t        | Н | $\vdash$ | $\dashv$ | $\dashv$      | _ |
|               | 15      | r  | H                   | $\top$     | +         | +      | $\top$   | $^{+}$ | +             | +        | 100        |          | 65         | t        | _              | _             | +      | _        | $\top$        |         |      |       | 115      | _             |        | ┢        |   | П        | $\dashv$ | 十             | _ |
| $\overline{}$ | 16      | t  | H                   | $\top$     | 十         | +      | 十        | ╅      | _             | $\top$   | 188        |          | 66         |          | $\top$         | $\top$        | T      | $\neg$   | i             | T       |      |       | 116      | 十             | $\top$ | T        |   |          |          | $\neg$        | _ |
|               | 17      | r  | H                   |            | 十         | ┪      | 十        | +      | _             | $\top$   |            |          | 67         |          |                | +             | 1      |          | $\top$        |         |      |       | 117      | 十             | 1      |          | П |          | o        | $\dashv$      | _ |
| _             | 18      | r  | lt                  | 十          | ╅         | $\top$ | $\top$   | $\top$ | 1             | 1        |            |          | 68         |          |                | $\dashv$      | T      | $\dashv$ |               | $\top$  |      |       | 118      | $\dashv$      | $\top$ |          | H |          | $\Box$   | $\neg$        | _ |
|               | 19      | t  | H                   | $\top$     | +         | +      | +        | $^{+}$ | _             | $\top$   | 133        |          | 69         | <b>†</b> | -              |               | ┪      | - †      | $\top$        | $\top$  |      |       | 119      | 1             |        | 1        |   | $\neg$   | $\neg$   | $\dashv$      | _ |
|               | 20      | Ħ  | $\dagger$           | $\top$     | $\dagger$ | $\top$ | $\top$   | ┪      | T             | +        | 1:::       | <b></b>  | 70         |          |                | 1             | 1      |          | $\top$        | 1       |      |       | 120      | $\neg \vdash$ | $\top$ |          |   |          |          | 十             | _ |
|               | 21      | П  | †                   |            | 十         | ╅      | 1        | _      |               | 十        | 1:::       |          | 71         | <b>†</b> | $\neg$         | $\top$        | 1      |          | $\top$        |         |      |       | 121      |               |        | 1        |   |          | $\Box$   | 十             | _ |
|               | 22      | П  | †                   | $\top$     | ╅         | $\top$ | T        | 十      | 1             | 1        | 1:::       |          | 72         |          | T              | _             | $\top$ |          | _             | $\top$  |      |       | 122      | 1             | $\top$ |          |   |          |          |               | _ |
|               | 23      | Ħ  | 1                   | 1          | $\top$    | $\top$ | 1        | +      |               | 十        | 1:::       |          | 73         | $\vdash$ | $\neg \dagger$ | $\top$        | _      | $\neg$   | 十             | +       |      |       | 123      | $\top$        | $\top$ | <b></b>  | П | $\neg$   | o        | $\top$        | _ |
|               | 24      | Ħ  | $^{\dagger}$        | $\top$     | $\top$    | $\top$ | 十        | ╅      | T             | ┪-       | 1:::       | $\vdash$ | 74         | 1        | $\dashv$       | $\top$        | 1      |          | 十             |         |      |       | 124      | _             | ╅      |          |   |          |          | $\exists$     | _ |
|               | 25      | Ħ  | $^{\dagger}$        | 十          | 十         | ┪      | ╅        | T      |               | +        |            |          | 75         |          |                |               | 1      |          | $\dashv$      |         |      |       | 125      | $\neg$        | $\top$ |          |   |          |          | 十             |   |
|               | 26      | Ħ  | T                   |            | +         | 十      | +        | +      |               | 1        | 1::::      |          | 76         | $\vdash$ | $\neg$         |               | 1      | $\neg$   | $\top$        |         |      |       | 126      | _             | $\neg$ | 1        |   |          | o        | $\top$        | _ |
|               | 27      | Ħ  | T                   | $\top$     | +         | 十      | $\top$   | 十      | 1             | 1        |            |          | 77         | Ħ        |                | $\neg \vdash$ | $\top$ |          | $\top$        | $\top$  |      |       | 127      | $\top$        | 1      |          |   |          |          | $\top$        | _ |
|               | 28      | Ħ  | Ť                   | $\top$     | $\top$    | 十      | $\top$   | T      |               | 1        |            |          | 78         |          | $\neg$         | $\top$        |        | $\neg$   | $\top$        |         |      |       | 128      | $\neg$        | $\top$ | 1        |   |          | 一        | $\neg$        | _ |
|               | 29      | Ħ  | $\top$              | $\top$     | +         | $\top$ | +        | +      | 十             | _        |            |          | 79         |          | $\dashv$       | $\dashv$      | 1      | $\neg$   | $\top$        | 1       |      |       | 129      | $\neg$        | 1      | Т        |   |          |          |               | _ |
|               | 30      | Ħ  | T                   | +          | ╈         | +      | +        | T      | $\top$        | 1        |            |          | 80         |          |                | $\dashv$      |        |          | $\neg$        | 1       |      |       | 130      |               | 1      | Т        |   |          |          | $\neg$        | _ |
|               | 31      | П  | $^{\dagger}$        | +          | $\top$    | $\top$ | $\top$   | ╅      | +             | _        | 188        |          | 81         |          | $\neg$         | _             | $\top$ | $\neg$   | $\dashv$      | $\top$  |      |       | 131      | $\neg$        | ╅      |          |   |          |          | 一             | _ |
|               | 32      | Н  | 十                   | $\top$     | ╅         | ╅      | $\top$   | +      | $\top$        | $\top$   | 100        |          | 82         | $\vdash$ |                | $\dashv$      | 1      | 一        |               | $\top$  |      |       | 132      |               | 1      | 1        |   |          | $\Box$   | 十             | _ |
|               | 33      | Ħ  | +                   |            | 十         | T      | T        | T      |               | ╅        | 783        |          | 83         | Т        |                |               |        |          | $\top$        | 1       | :::: |       | 133      | $\neg$        | $\top$ | T        |   |          |          | 十             | _ |
|               | 34      | Ħ  | $\top$              | $\top$     | $\top$    | $\top$ | $\top$   | $\top$ | $\top$        |          | 7          |          | 84         |          | $\Box$         | $\top$        |        | $\top$   | $\top$        |         |      |       | 134      |               | T      | T        |   | П        | $\sqcap$ | 十             | _ |
|               | 35      | IJ | π                   | 丅          | Τ         | $\top$ |          | T      | T             | T        | 7          |          | 85         | П        |                |               | Τ      |          | $\top$        | T .     |      |       | 135      |               | $\top$ | Π        |   | П        | $\sqcap$ |               | _ |
|               | 36      |    | 7                   | 1          | Ť         | T      | T        | 十      | T             | $\top$   | 7:::       |          | 86         | Π        | $\Box$         |               |        |          | 1             | $\top$  |      |       | 136      |               | $\top$ | Т        | П | П        | $\sqcap$ | $\top$        | _ |
|               | 37      | 7  | (                   | $\top$     | Т         | 1      |          | $\top$ | $\top$        | 1        | 7          |          | 87         |          |                |               | Т      |          |               | $\top$  |      |       | 137      | $\neg \vdash$ | $\top$ | Т        | П | П        | $\sqcap$ | $\neg$        | _ |
|               | 38      | Τ  | ΪŤ                  | $\top$     | T         | $\top$ | $\top$   | 十      | 十             | $\top$   | 7::        |          | 88         | П        | $\Box$         |               | 1      |          |               | $\top$  |      |       | 138      |               | $\top$ | Т        | Г | П        | $\sqcap$ | $\top$        | _ |
|               | 39      | ١. | Ţ                   | T          | T         | T      | T        | $\top$ | $\top$        | 7        | 7          |          | 89         |          | $\Box$         | 1             | Т      |          |               | $T^{-}$ |      |       | 139      |               | $\top$ | П        |   |          | П        |               | _ |
|               | 40      | 7  | 7                   | $\top$     | $\top$    | ┪      | 十        | $\top$ | $\neg \vdash$ | 1        | 70         |          | 90         | П        |                |               | T      |          |               | 1       |      |       | 140      |               |        |          |   |          |          |               | _ |
|               | 41      | -  |                     | $\top$     | $\top$    | T      | 1        | T      | $\dashv$      | T        | 1:::       |          | 91         | П        |                |               | T      |          |               |         |      |       | 141      |               |        |          |   |          | $\Box$   |               | _ |
|               | 42      | -  |                     | $\top$     | 丁         | T      | $\top$   | 十      | $\top$        |          | 7          |          | 92         | П        | $\Box$         |               | $\top$ |          |               | $\top$  |      |       | 142      | $\Box$        | $\top$ | T        |   |          | $\sqcap$ | $\neg$        | _ |
|               |         | ī  | -                   | $\top$     | 丁         | $\top$ | $\top$   | $\top$ | 十             | T        | 7          |          | 93         |          | $\Box$         | $\neg$        | T      | $\neg$   |               | $\top$  |      |       | 143      |               |        |          |   | П        | $\sqcap$ | $\neg \vdash$ | _ |
|               | 44      | 7  | _                   | 十          | 7         | 丁      | 十        | $\top$ | 十             | T        | 7:::       |          | 94         |          | $\Box$         | $\top$        | Τ      | $\neg$   |               |         |      |       | 144      |               |        |          |   |          | П        | 一             | _ |
|               | 45      |    | 7                   | $\top$     | 丅         | $\top$ | $\top$   | $\top$ | $\top$        | $\top$   | 7:::       |          | 95         |          | $\Box$         | $\neg$        | $\top$ |          | $\neg$        |         |      |       | 145      |               | $\top$ | 1        |   | П        | $\Box$   | $\neg \vdash$ | _ |
| · · · · ·     | 46      | -  | -                   | $\top$     | 十         | ┪      | +        | 十      | $\top$        | T        | 7          |          | 96         | Т        | $\sqcap$       | $\neg$        | 1      |          |               |         |      |       | 146      |               | $\top$ | T        |   |          | $\sqcap$ | 丁             | _ |
|               | 47      | Ī  | 才                   | 十          | 1         | 7      | $\neg$   | 十      | _             | T        | 7:::       |          | 97         | 1        | $\sqcap$       | $\top$        | 1      |          | $\neg \vdash$ |         |      |       | 147      |               | T      |          |   |          | $\sqcap$ | $\neg$        | _ |
|               | 48      |    | 7                   | $\top$     | $\top$    | $\top$ | $\top$   | +      | _             | 1        | 1          |          | 98         | Г        | П              | $\top$        | 1      |          |               |         |      |       | 148      |               | 1      | T        | Г | П        | 一        | $\top$        | _ |
|               | 49      | T  | $\top$              | $\top$     | $\top$    | 1      | $\top$   | +      | $\neg$        | 1        | 7          |          | 99         |          | $\sqcap$       | $\top$        |        |          | $\top$        | 1       |      |       | 149      |               | ┪      | 1        | Г | П        | $\sqcap$ | $\top$        | _ |
|               | 50      | T  | $\top$              | $\top$     | +         | $\top$ | $\dashv$ | +      | $\top$        | 1        | 1          |          | 100        | 1        |                | $\neg$        | 1      |          | $\top$        | 1-      |      |       | 150      | $\vdash$      |        | T        | Г | П        | $\sqcap$ | $\neg$        | _ |